RAW SEQUENCE LISTING   DATE: 07/17/2001
PATENT APPLICATION: **US/09/581,044**   TIME: 09:39:39

Input Set : **A:\Opt0020p.txt**
Output Set: **N:\CRF3\07172001\I581044.raw**

ENTERED

```
 4 <110> APPLICANT: Lee, Taekyu
 5        Wong, Chi-Huey
 6        Elder John H.
 8 <120> TITLE OF INVENTION: HIV/FIV PROTEASE INHIBITORS HAVING A
 9        SMALL P3 RESIDUE
11 <130> FILE REFERENCE: TSRI 609.1
13 <140> CURRENT APPLICATION NUMBER: 09/581,044
14 <141> CURRENT FILING DATE: 2000-06-08
16 <150> PRIOR APPLICATION NUMBER: PCT/US98/26964
17 <151> PRIOR FILING DATE: 1998-12-08
19 <150> PRIOR APPLICATION NUMBER: US 60/067,959
20 <151> PRIOR FILING DATE: 1997-12-08
22 <160> NUMBER OF SEQ ID NOS: 9
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 8
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: synthesized
34 <221> NAME/KEY: ACETYLATION
35 <222> LOCATION: (1)...(1)
37 <400> SEQUENCE: 1
38 Pro Gln Ala Tyr Pro Ile Gln Thr
39 1               5
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 6
44 <212> TYPE: PRT
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: synthesized
50 <221> NAME/KEY: ACETYLATION
51 <222> LOCATION: (1)...(1)
53 <400> SEQUENCE: 2
54 Gln Ala Tyr Pro Ile Gln
55 1               5
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 6
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: synthesized
66 <221> NAME/KEY: MOD_RES
67 <222> LOCATION: (1)...(1)
68 <223> OTHER INFORMATION: Abz
70 <221> NAME/KEY: VARIANT
71 <222> LOCATION: (3)...(3)
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 72 <223> OTHER INFORMATION: Xaa is norleucine
 74 <221> NAME/KEY: MOD_RES
 75 <222> LOCATION: (4)...(4)
 76 <223> OTHER INFORMATION: p-NO2
 78 <221> NAME/KEY: AMIDATION
 79 <222> LOCATION: (6)...(6)
 81 <400> SEQUENCE: 3
 82 Thr Ile Xaa Phe Gln Arg
 83  1               5
 86 <210> SEQ ID NO: 4
 87 <211> LENGTH: 17
 88 <212> TYPE: PRT
 89 <213> ORGANISM: Artificial Sequence
 91 <220> FEATURE:
 92 <223> OTHER INFORMATION: synthesized
 94 <400> SEQUENCE: 4
 95 Gly Lys Glu Glu Gly Pro Pro Gln Ala Tyr Pro Ile Gln Thr Val Asn
 96  1               5                   10                  15
 97 Gly
101 <210> SEQ ID NO: 5
102 <211> LENGTH: 14
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: synthesized
109 <221> NAME/KEY: MOD_RES
110 <222> LOCATION: (5)...(5)
111 <223> OTHER INFORMATION: Abz
113 <400> SEQUENCE: 5
114 Arg Ala Leu Thr Lys Val Gln Phe Val Gln Ser Lys Gly Arg
115  1               5                   10
118 <210> SEQ ID NO: 6
119 <211> LENGTH: 45
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: synthesized
126 <400> SEQUENCE: 6
127 atctctcccc aataatggta ctattaatga gttatcttct aagac            45
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 41
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: synthesized
137 <400> SEQUENCE: 7
138 actattggac atatggcata taataaagta ggtactacta c                41
140 <210> SEQ ID NO: 8
141 <211> LENGTH: 39
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Input Set : **A:\Opt0020p.txt**
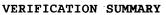Output Set: **N:\CRF3\07172001\I581044.raw**

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142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: synthesized
148 <400> SEQUENCE: 8
149 atcagaaagc ttttacatta ctaacctgat attaaattt                39
151 <210> SEQ ID NO: 9
152 <211> LENGTH: 45
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: synthesized
159 <400> SEQUENCE: 9
160 ggaaggcaaa atatgattgg aattggagga ggaaagagag gaaca         45
```

Input Set : **A:\Opt0020p.txt**
Output Set: **N:\CRF3\07172001\I581044.raw**

L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3